

Converting Colors

XYZ(77.7161, 72.3704, 81.4239)

Have a look what the booklet for
XYZ(77.7161, 72.3704, 81.4239)
contains.

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Color

**XYZ(77.6311, 72.2972,
81.0973)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD1E1
RGB	255, 209, 225
RGB Percent	100%, 82%, 88%
CMY	0.0000, 0.1804, 0.1176
CMYK	0.00, 0.18, 0.12, 0.00
HSL	339°, 100%, 91%
HSV	339°, 18%, 100%
XYZ	77.6311, 72.2972, 81.0973
YIQ	224.5780, 22.2800, 14.7280

Conversions

Conversions Part 2

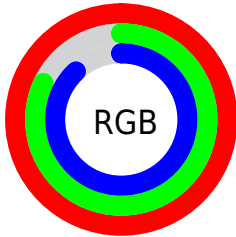
Format	Color
R_{YB}	255, 209, 225
Decimal	16765409
CIE _{Lab}	88.11, 18.62, -1.79
CIE _{LCh}	88, 18.708, 354.511
Yxy	72.2972, 0.3360, 0.3129
Android (android.graphics.Color)	4294955489 (0xFFFFD1E1)
YUV	224.5780, 0.2080, 26.6801
Hunter-Lab	85.0278, 14.1735, 2.9701

Details

The XYZ color **77.6311, 72.2972, 81.0973** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.6369, 91.3085, 95.1974**, and the grayscale version is **71.2541, 74.9648, 81.6367**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1000, 38.0192, 43.1497** is the 20% darker color. If you saturate the color by 10%, you get **69.7088, 59.9084, 67.8026**, and if you desaturate by 10%, it is **86.7791, 86.7830, 95.8929**.

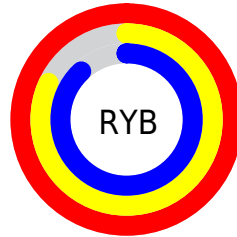
Distribution



Red (100%)

Green (82%)

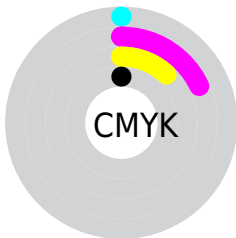
Blue (88%)



Red (100%)

Yellow (82%)

Blue (88%)

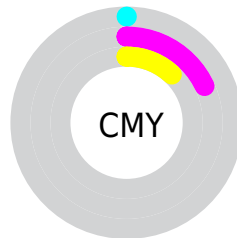


Cyan (0%)

Magenta (18%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.6311, 72.2972, 81.0973 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 77.6311, 72.2972, 81.0973 by changing the saturation by 10% instead.


 77.6311, 72.2972,
81.0973

 77.6311, 72.2972,
81.0973


475.7721,
468.5754, 518.4271

 58.0727, 53.4015,
60.0903


128.9981,
122.4790, 136.7327

 42.1106, 38.1234,
43.0656

161.5374,
154.5338, 172.1981

 29.3794, 26.0785,
29.6048


199.1344,
191.7439, 213.3201

 19.5137, 16.8823,
19.2893

242.1544,
234.4935, 260.5172

 12.1483, 10.1506,
11.7006

290.9629,
283.1670, 314.2079

 6.9177, 5.4990,
6.4201

345.9250,

 3.4565, 2.5429,

338.1489, 374.8107

3.0293

407.4063,
399.8236, 442.7443

■ 1.3995, 0.8980,
1.1096

■ 0.2559, 0.0000,
0.0000

■ 77.6311, 72.2972,
81.0973

■ 77.6311, 72.2972,
81.0973

■ 69.7088, 59.9084,
67.8026

■ 86.7791, 86.7830,
95.8929

■ 62.9533, 49.5099,
55.9553

95.0500, 100.0000,
108.9000

■ 57.3083, 40.9994,
45.5051

■ 52.7108, 34.2616,
36.3970

■ 49.0908, 29.1686,
28.5718

■ 46.3696, 25.5750,
21.9650

■ 44.4549, 23.3094,
16.5054

■ 43.2238, 22.1404,
12.1083

■ 43.0298, 21.9759,
11.3550

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.9542, 72.2972, 93.8906



77.6311, 72.2972, 81.0973



76.8365, 72.2972, 68.9432

Triad

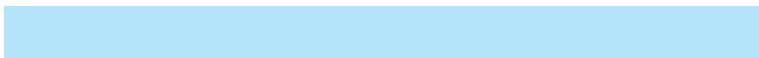
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.6311, 72.2972, 81.0973



65.2121, 72.2972, 58.3808



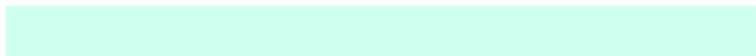
63.8467, 72.2972, 100.5090

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



77.6311, 72.2972, 81.0973



77.6369, 91.3085, 95.1974

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.1894, 72.2972, 89.3785



77.6311, 72.2972, 81.0973



61.9535, 72.2972, 65.2773

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.6311, 72.2972, 81.0973



69.5417, 72.2972, 56.6728



60.5116, 72.2972, 76.3884



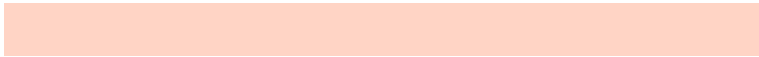
67.8975, 72.2972, 105.8496

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.6311, 72.2972, 81.0973



75.0290, 72.2972, 62.6943



60.5116, 72.2972, 76.3884



62.7680, 72.2972, 97.2659

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



77.6327, 72.3002, 81.0988



89.8064, 91.6091, 100.6893



76.4155, 71.1576, 104.3150



19.0701, 19.3652, 21.3114



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

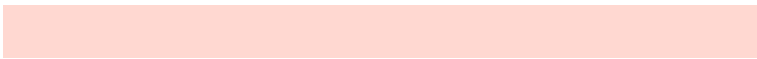
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.6327, 72.3002, 81.0988



74.3490, 67.1443, 75.6528



77.2810, 74.9269, 70.7147



18.2702, 18.0914, 20.0398



22.5473, 11.5082, 6.2665



2.2446, 1.1402, 0.8695

Inverse Universe

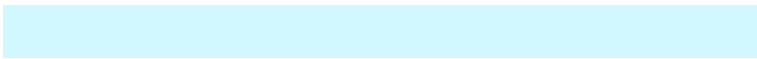
The Inverse Universe completely reimagines the original color for something new.



77.6327, 72.3002, 81.0988



74.3490, 67.1443, 75.6528



77.9446, 87.9731, 107.4801



18.2702, 18.0914, 20.0398



22.5473, 11.5082, 6.2665



2.2446, 1.1402, 0.8695

Previews

White Background



This preview shows how the XYZ color 77.6311, 72.2972, 81.0973 looks on a white background.

Color Contrast Check

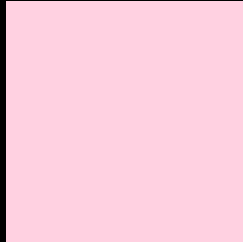
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 77.6311, 72.2972, 81.0973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

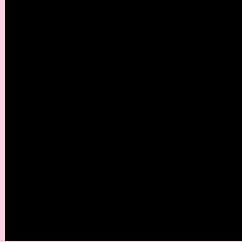
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.6311, 72.2972, 81.0973

Background



This preview shows how black text looks on a background with the XYZ color 77.6311, 72.2972, 81.0973.



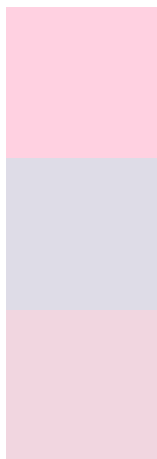
This preview shows how white text looks on a background with the XYZ color 77.6311, 72.2972,

81.0973.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

77.6311, 72.2972, 81.0973

Protanopia

70.1412, 72.4855, 85.8956

Deuteranopia

73.7767, 72.1757, 80.5639



Tritanopia

77.6311, 72.2972, 81.0973

Trichromacy



Original Color

77.6311, 72.2972, 81.0973

Protanomaly

72.6304, 72.2613, 84.2485

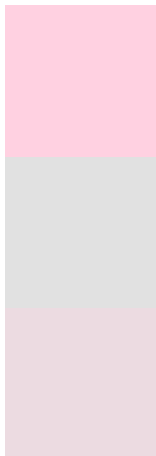
Deuteranomaly

75.0041, 72.0616, 80.4772

Tritanomaly

77.6311, 72.2972, 81.0973

Monochromacy



Original Color

77.6311, 72.2972, 81.0973

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.5142, 73.9321, 81.6299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.6311, 72.2972, 81.0973 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 209, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 225)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 209, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 225) }
```

Border

The CSS property to change the border of an element to XYZ 77.6311, 72.2972, 81.0973 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 209, 225) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(255, 209, 225) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(255, 209, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 77.6311, 72.2972, 81.0973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 225) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
209, 225) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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